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AN - 1984-216264 [35]

A - [001] 014 03- 041 046 047 050 061 062 063 067 072 074 076 141 143 144  
231 239 252 253 256 351 385 435 466 467 470 614 664 665 667 688

AP - JP19830001370 19830107; JP19830001370 19830107

CPY - NIRA

DC - A35 F07

FS - CPI

IC - C08J7/10

KS - 0209 0214 0229 0239 0248 0374 0759 1283 1291 1977 1982 1986 2018 2019  
2196 2370 2478 2483 2500 2513 2820 2821 2822

MC - A11-C04 A12-S05T A12-S06B F03-C

PA - (NIRA ) UNITIKA LTD

PN - JP59126437 A 19840721 DW198435 005pp

- JP3018656B B 19910313 DW199114 000pp

PR - JP19830001370 19830107

XA - C1984-091002

XIC - C08J-007/10

AB - J59126437 The process comprises placing material (I) between a pair of high frequency electrodes and applying a high frequency voltage to the electrodes under reduced pressure. The plasma treatment is performed with spraying a treating gas from a pore directly onto the face of (I) between the electrodes.

- (I) is e.g. a film-like material made of nylon, polyester, PVC, polyethylene, polypropylene or viscose, or a woven or non-woven fabric or carpet made of a natural fibre (e.g. cotton, wool or silk), synthetic fibre (e.g. polyacrylonitrile), chemical fibre (e.g. acetate) or their mixt. To the electrodes is applied a high frequency (1 KHz-40 MHz) at an output of 0.1-1 Watt/cm<sup>2</sup> under a vacuum of 0.01-2, pref. 0.5-1.5, Torr.

- ADVANTAGE - The effect of the treatment of (I) is improved.(/3)

IW - LOW TEMPERATURE PLASMA TREAT SHEET MATERIAL SPRAY MATERIAL PLACE  
ELECTRODE GAS IMPROVE EFFICIENCY

IKW - LOW TEMPERATURE PLASMA TREAT SHEET MATERIAL SPRAY MATERIAL PLACE  
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NC - 001

OPD - 1983-01-07

ORD - 1984-07-21

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TI - Low temp. plasma treatment of sheet-like material - involves spraying material placed between electrodes with gas for improved efficiency